

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013213.D
 Acq On : 24 Oct 2019 15:52
 Operator : JC/SP
 Sample : K5532-06DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0673DL

Quant Time: Oct 25 04:46:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

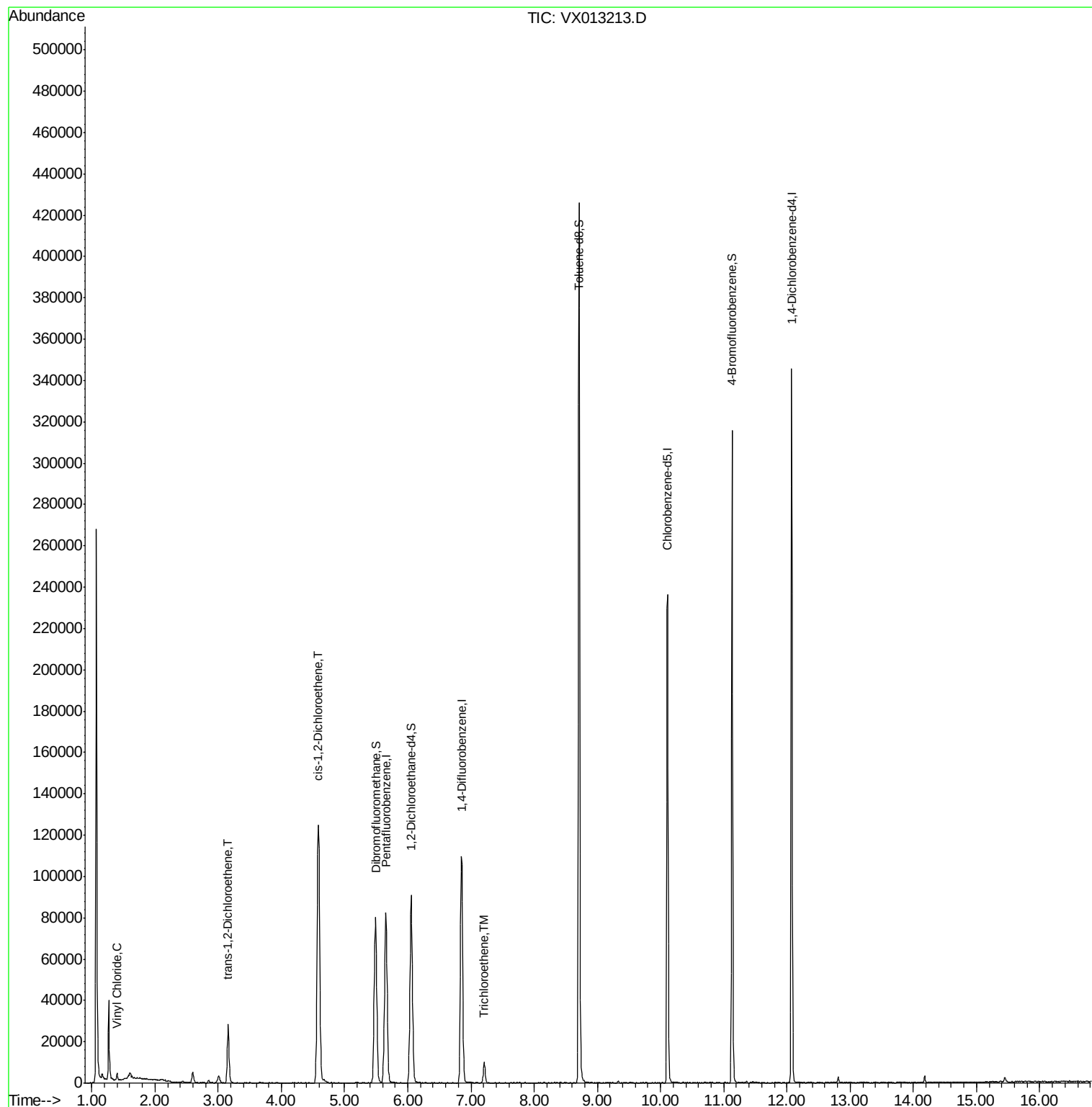
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	78334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	115022	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	110025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	69810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	90468	55.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.44%	
35) Dibromofluoromethane	5.49	113	68560	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
50) Toluene-d8	8.71	98	251094	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
62) 4-Bromofluorobenzene	11.13	95	89794	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1877	1.320	ug/l #	76
21) trans-1,2-Dichloroethene	3.16	96	12096	9.105	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	83680	51.204	ug/l	88
44) Trichloroethene	7.21	130	3812	2.325	ug/l	84

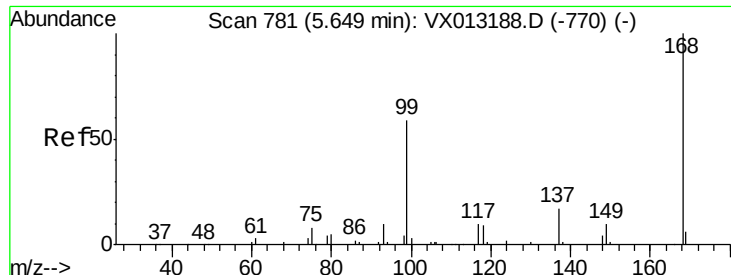
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013213.D

Acq: 24 Oct 2019 15:52

Instrument :

MSVOA_X

ClientSampled :

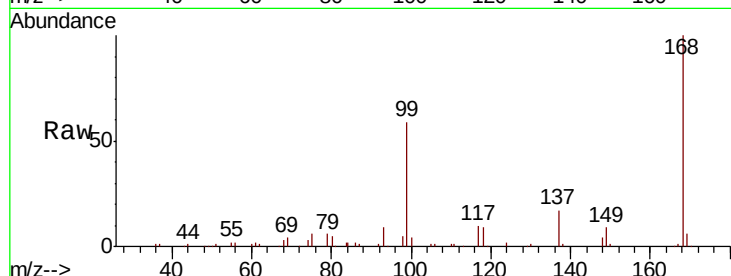
S32-0673DL

Tot Ion:168 Resp: 78334

Ion Ratio Lower Upper

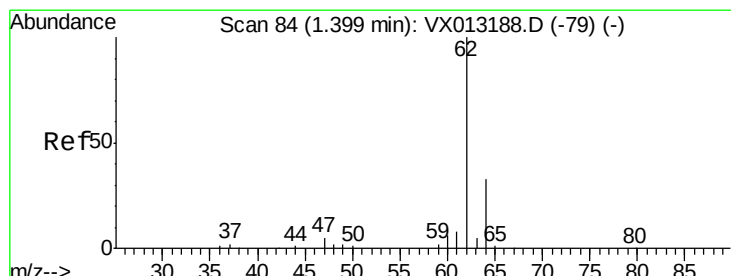
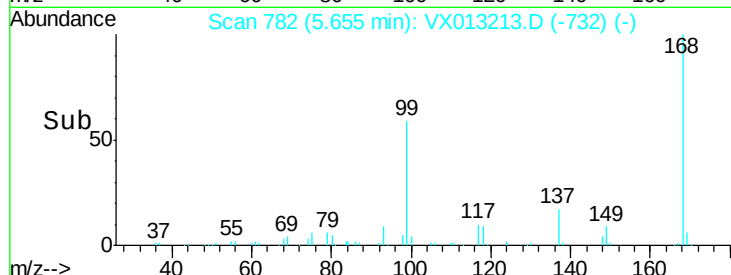
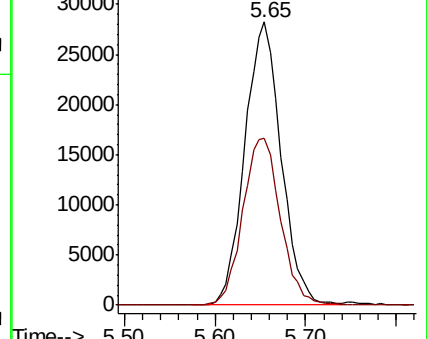
168 100

99 58.8 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.320 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013213.D

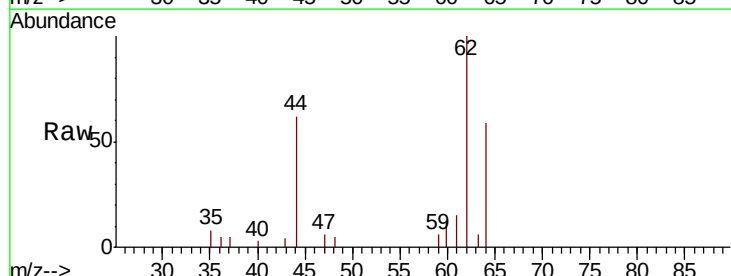
Acq: 24 Oct 2019 15:52

Tgt Ion: 62 Resp: 1877

Ion Ratio Lower Upper

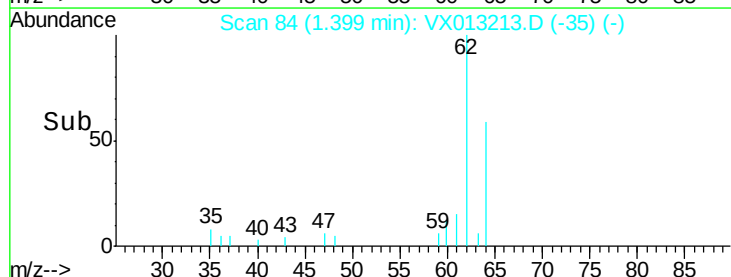
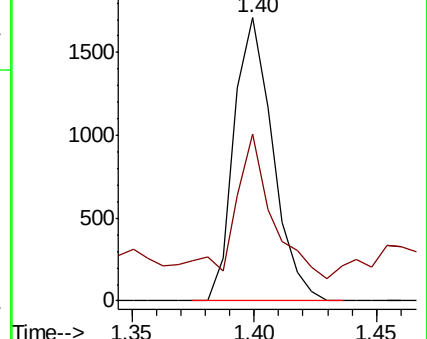
62 100

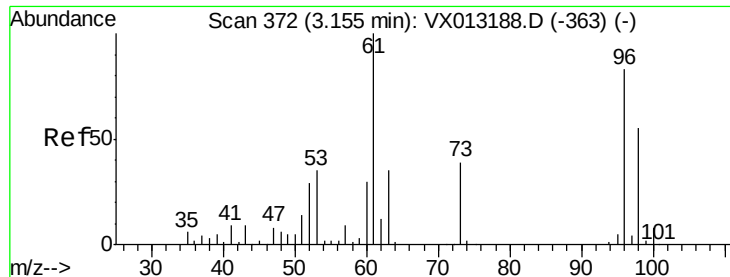
64 46.6 26.4 39.6#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 9.105 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013213.D

Acq: 24 Oct 2019 15:52

Instrument :

MSVOA_X

ClientSampled :

S32-0673DL

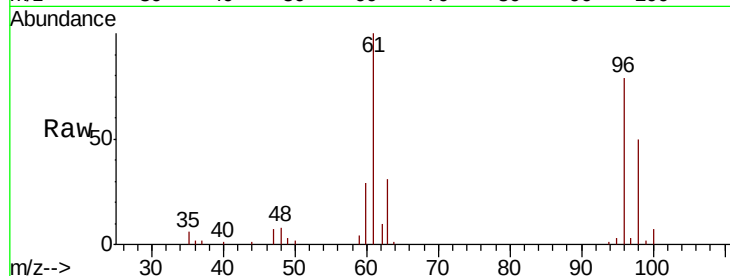
Tot Ion: 96 Resp: 12096

Ion Ratio Lower Upper

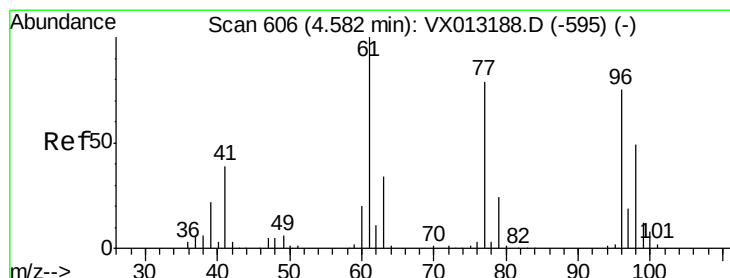
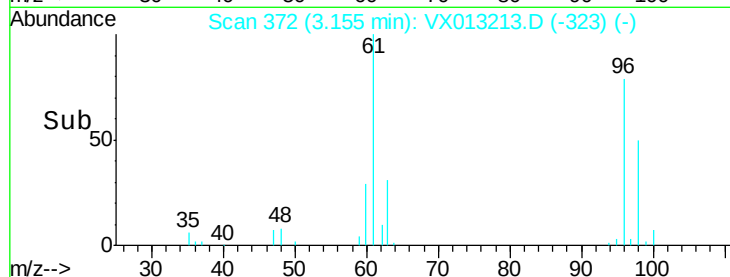
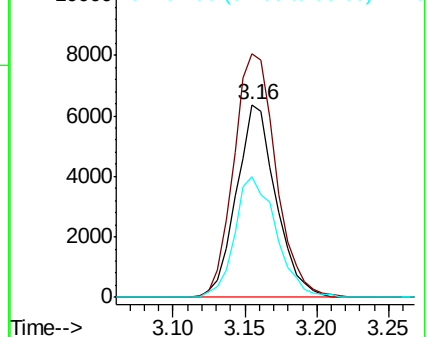
96 100

61 126.4 96.9 145.3

98 62.9 53.0 79.4



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 51.204 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013213.D

Acq: 24 Oct 2019 15:52

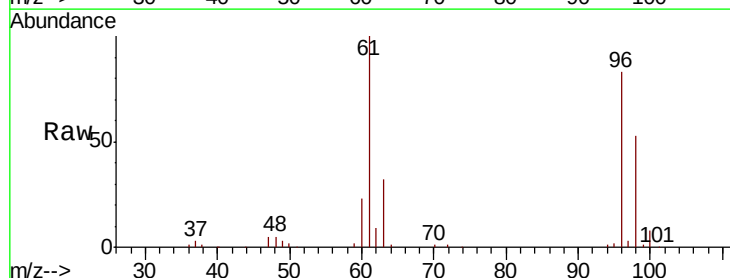
Tgt Ion: 96 Resp: 83680

Ion Ratio Lower Upper

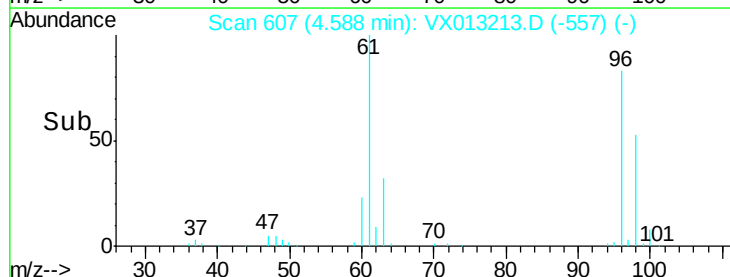
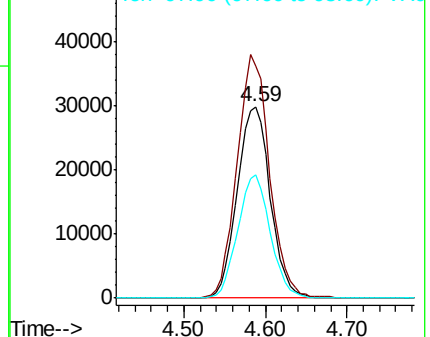
96 100

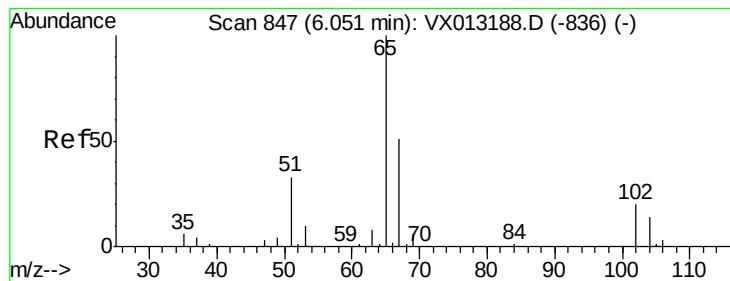
61 124.8 0.0 290.4

98 63.4 0.0 130.4



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 55.217 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013213.D

Acq: 24 Oct 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

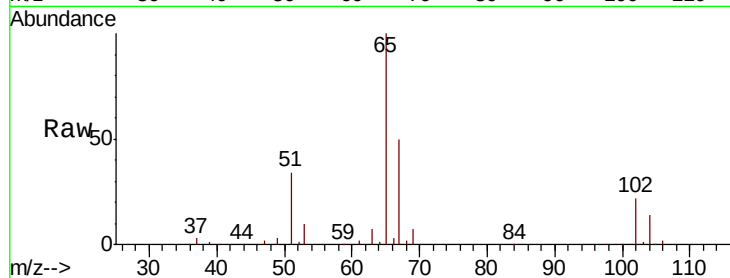
S32-0673DL

Tot Ion: 65 Resp: 90468

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

40000

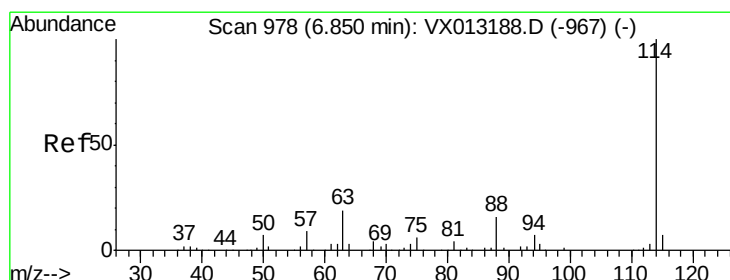
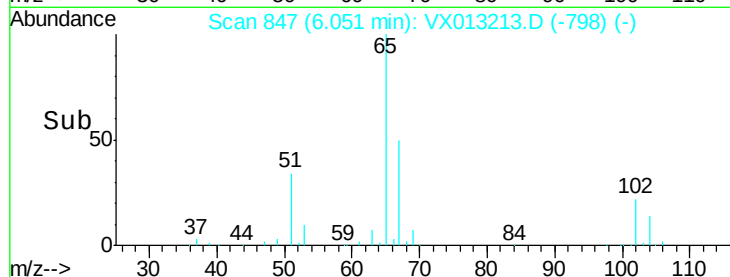
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013213.D

Acq: 24 Oct 2019 15:52

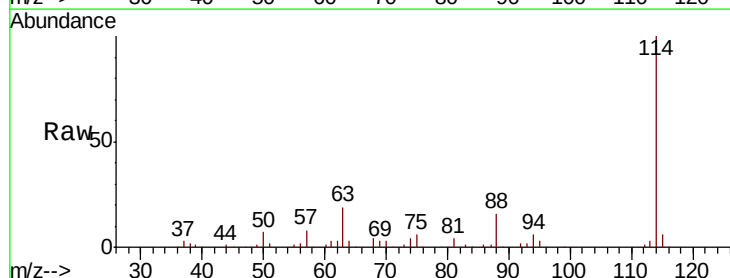
Tgt Ion: 114 Resp: 115022

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.0

88 16.0 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

60000

50000

40000

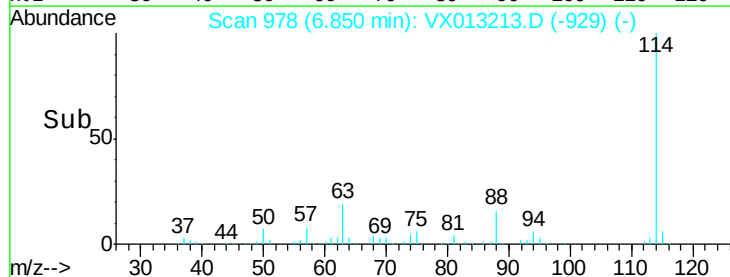
30000

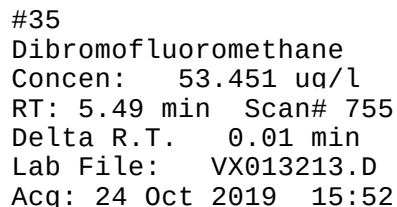
20000

10000

0

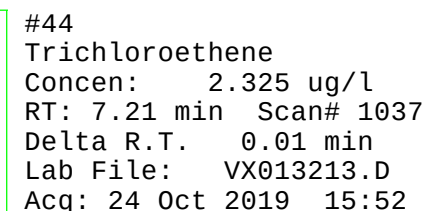
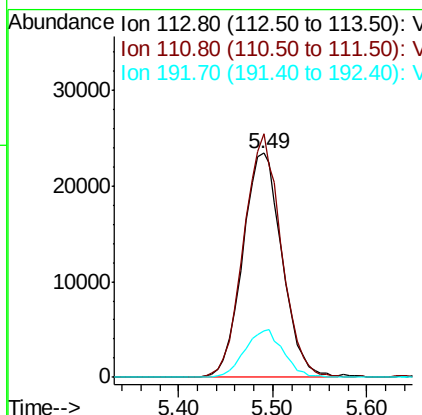
Time--> 6.70 6.80 6.90 7.00



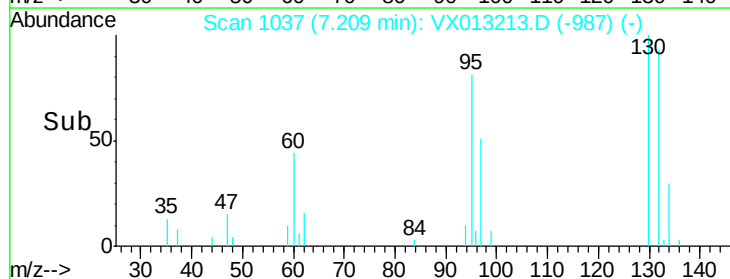
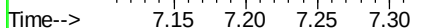
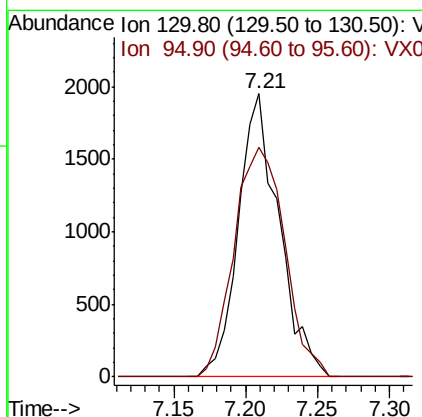


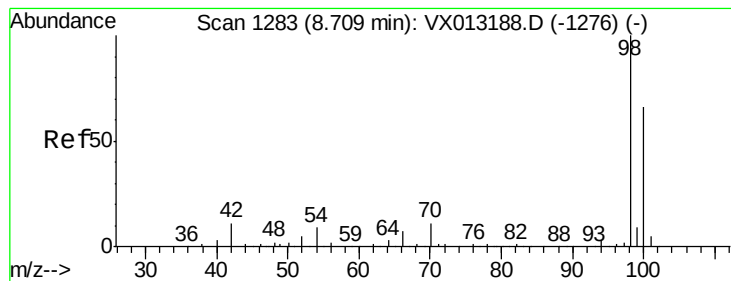
Instrument :
MSVOA_X
ClientSampleId :
S32-0673DL

Tqt	Ion:113	Resp:	68560
Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.3	120.5
192	20.7	15.9	23.9



Tgt	Ion:130	Resp:	3812
Ion	Ratio	Lower	Upper
130	100		
95	81.3	0.0	193.6





#50

Toluene-d8

Concen: 52.824 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013213.D

Acq: 24 Oct 2019 15:52

Instrument :

MSVOA_X

ClientSampled :

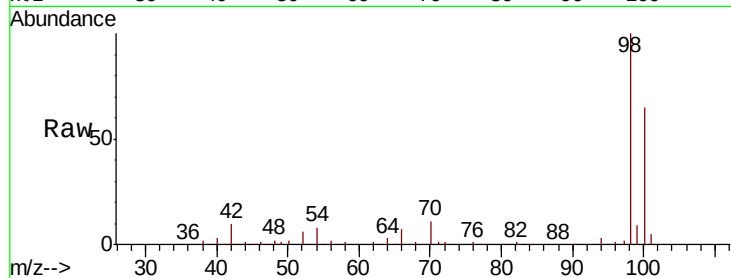
S32-0673DL

Tot Ion: 98 Resp: 251094

Ion Ratio Lower Upper

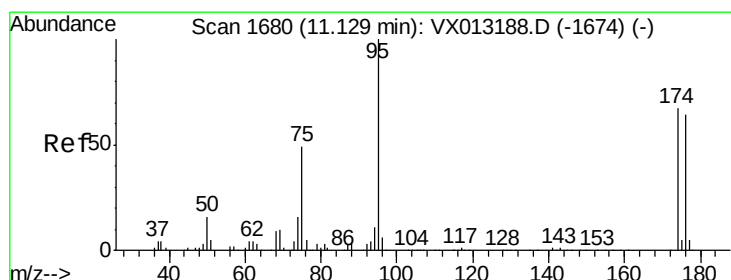
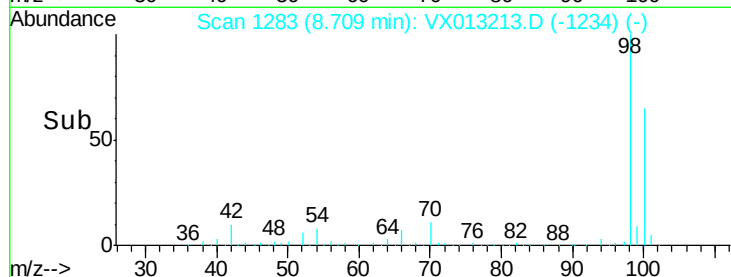
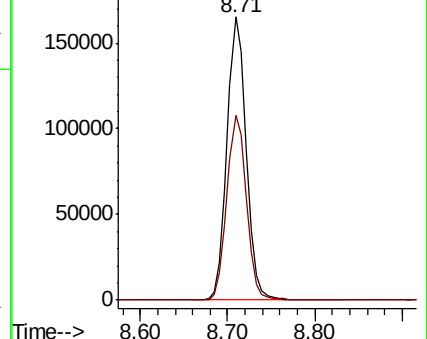
98 100

100 66.5 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 47.727 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013213.D

Acq: 24 Oct 2019 15:52

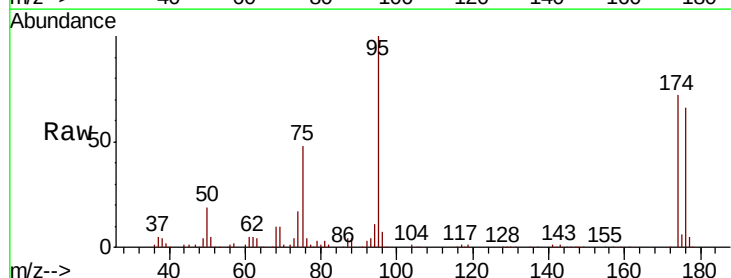
Tgt Ion: 95 Resp: 89794

Ion Ratio Lower Upper

95 100

174 79.6 0.0 152.4

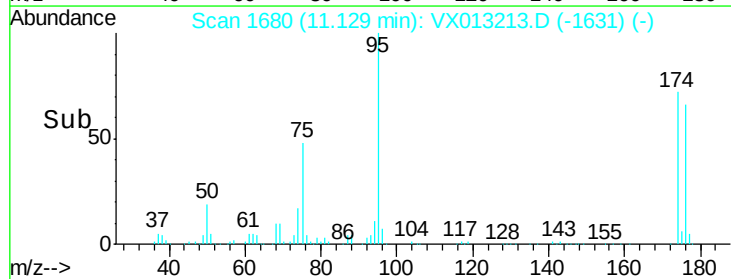
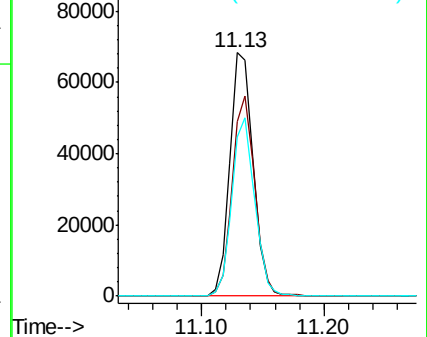
176 71.9 0.0 146.0

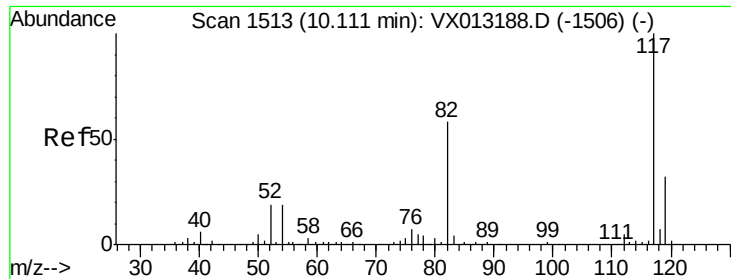


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

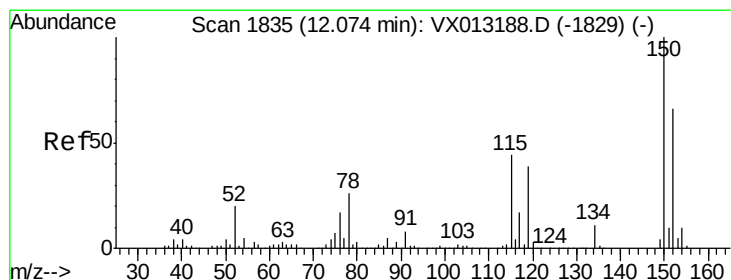
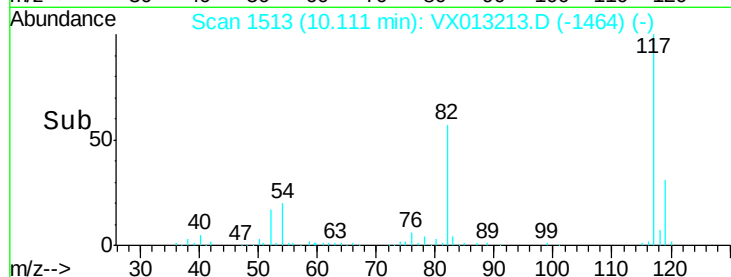
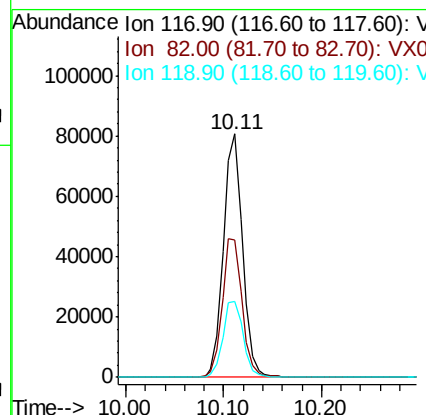
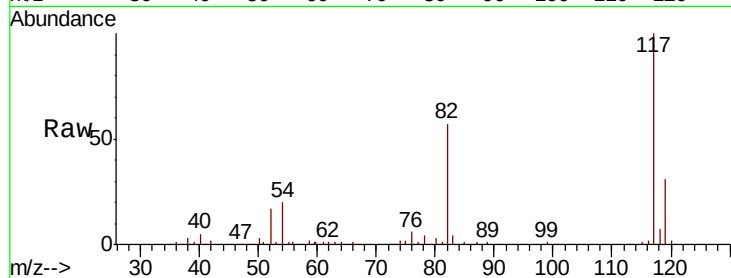




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013213.D
Acq: 24 Oct 2019 15:52

Instrument :
MSVOA_X
ClientSampled :
S32-0673DL

Tot Ion:117 Resp: 110025
Ion Ratio Lower Upper
117 100
82 56.5 46.5 69.7
119 31.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013213.D
Acq: 24 Oct 2019 15:52

Tgt Ion:152 Resp: 69810
Ion Ratio Lower Upper
152 100
115 62.5 46.6 139.8
150 154.5 0.0 354.0

